Contents

Standard name

Open Geospatial Consortium (OGC) Web Map Service

Authority responsible for the standard

Open Geospatial Consortium or ISO. The ISO 19128 Standard corresponds to the WMS 1.3.0 OGC Implementation Specification.

Purpose/application

Maps

Data type(s) to which the standard would apply.

All

Significant applications (within and outside NOAA) currently using the standard

- NOSA WMS
- NGDC WMS
- National Weather Service National Data Buoy Center PROTOTYPE IOOS® Web Map Service (WMS)
- Electronic Nautical Charts WMS
- National Climatic Data Center Web Map Services
- Defense Meteorological Satellite Program Online Maps and Web Services
- National Coastal Data Development Center Map Services
- ERDDAP WMS Layers

Existing software tools that support the implementation of the standard.

Detailed description/definition of the standard.

OGC Description

Statutory requirements for supporting the standard

Is there, or will there soon, be a need for this standard in NOAA Environmental Data Systems?

Yes

Resources

- WMS URL Explanation
- NGDC Interactive Map Services
- Disseminating National Weather Service Digital Forecasts Using Open Geospatial Standards
- ERDDAP WMS Documentation